

Project Title	Funding	Strategic Plan Objective	Institution
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
A functional near-infrared spectroscopy study of first signs of autism	\$67,573	Q1.L.A	Stanford University
Development of face processing in infants with autism spectrum disorders	\$393,228	Q1.L.B	Yale University
MRI studies of early brain development in autism	\$468,100	Q1.L.A	University of California, San Diego
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$273,772	Q1.L.B	University of California San Diego
Translational developmental neuroscience of autism	\$167,187	Q1.L.B	New York University School of Medicine
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$292,221	Q1.L.A	University of California, San Diego
Extraction of functional subnetworks in autism using multimodal MRI	\$348,034	Q1.L.B	Yale University
Developmental social neuroscience in infants at-risk for autism	\$180,621	Q1.L.C	Yale University
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
ERK signaling and autism: Biomarker development	\$2,405	Q1.L.B	University of California, San Francisco
ACE Network: Early biomarkers of autism spectrum disorders in infants with tuberous sclerosis	\$2,604,574	Q1.L.A	Boston Children's Hospital
Neurobehavioral research on infants at risk for SLI and autism	\$588,872	Q1.L.A	Boston University
Biomarkers and diagnostics for ASD	\$0	Q1.S.A	Institute of Biotechnology
Early social and emotional development in toddlers at genetic risk for autism	\$354,246	Q1.L.A	University of Pittsburgh
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Predicting autism through behavioral and biomarkers of attention in infants	\$34,688	Q1.L.A	University of South Carolina
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	Q1.L.A	Harvard University
EEG complexity trajectory as an early biomarker for autism	\$208,800	Q1.L.A	Boston Children's Hospital
Improved early detection of autism using novel statistical methodology	\$52,966	Q1.L.B	Yale University
Developing fNIRS as a brain function indicator in at-risk infants	\$223,738	Q1.L.A	Birkbeck College
ACE Center: Neural assays and longitudinal assessment of infants at very high risk for ASD	\$173,955	Q1.L.A	University of California, Los Angeles

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Postural and vocal development during the first year of life in infants at heightened biological risk for AS	\$0	Q1.L.A	University of Pittsburgh
Identifying early biomarkers for autism using EEG connectivity	\$0	Q1.L.A	Boston Children's Hospital
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Growth charts of altered social engagement in infants with autism	\$56,589	Q1.L.A	Emory University
Physical and clinical infrastructure for research on infants at risk for autism	\$449,353	Q1.L.A	Emory University
Perception of social and physical contingencies in infants with ASD	\$301,268	Q1.L.B	Emory University
RNA expression studies in autism spectrum disorders	\$250,000	Q1.L.A	Boston Children's Hospital
Autism: Social and communication predictors in siblings	\$723,431	Q1.L.A	Kennedy Krieger Institute
Epigenetic biomarkers of autism in human placenta	\$0	Q1.L.A	University of California, Davis
Electrophysiological, metabolic and behavioral markers of infants at risk	\$0	Q1.L.A	Boston Children's Hospital
Baby Siblings Research Consortium	\$2,698	Q1.S.B	Autism Speaks (AS)
Analyses of brain structure and connectivity in young children with autism	\$222,933	Q1.L.B	University of California, Davis
Infants at risk of autism: A longitudinal study	\$551,100	Q1.L.A	University of California, Davis
A monkey model of naturally occurring low sociability	\$222,461	Q1.Other	Stanford University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$0	Q1.L.A	Yale University
Brain-behavior growth charts of altered social engagement in ASD infants	\$304,231	Q1.L.A	Yale University
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$90,000	Q1.L.A	University of North Carolina at Chapel Hill
A Longitudinal EEG Study of Infants at Risk for Autism: Network Capacity Building (Phase I)	\$359,738	Q1.L.A	University of North Carolina
fcMRI in infants at high risk for autism	\$419,567	Q1.L.A	Washington University in St. Louis
Cross-Model Automated Assessment of Behavior during Social Interactions in Children with ASD	\$5,000	Q1.S.A	Yale University
Divergent biases for conspecifics as early markers for autism spectrum disorders	\$213,420	Q1.L.A	New York University
A network approach to the prediction of autism spectrum disorders	\$176,592	Q1.L.A	Indiana University
Identification of candidate serum antibody biomarkers for ASD	\$112,032	Q1.L.B	University of Texas Southwestern Medical Center

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Serum antibody biomarkers for ASD	\$0	Q1.L.A	University of Texas Southwestern Medical Center
Cortical activation to faces and objects in infants at high-risk for ASD	\$51,705	Q1.L.A	University of South Carolina
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$147,531	Q1.L.B	University of Texas San Antonio
GENETIC AND DIAGNOSTIC BIOMARKER DEVELOPMENT IN ASD TODDLERS USING RESTING STATE FUNCTIONAL MRI	\$144,000	Q1.L.B	Yale University
Predicting the decline of social attention in infants at risk for autism	\$179,388	Q1.L.A	University of California, Los Angeles
The early development of attentional mechanisms in ASD	\$0	Q1.L.B	University of Massachusetts, Boston
Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)	\$29,500	Q1.L.A	Georgia State University
Development of Vocal Coordination between Caregivers and Infants at Heightened Biological Risk for Autism Spectrum Disorder	\$25,000	Q1.L.A	University of Pittsburgh
Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism	\$169,295	Q1.L.A	Autism Consortium
Early-Stage Visual Processing in ASD: Neurophysiological Biomarkers Using Visual Evoked Potentials	\$49,264	Q1.L.B	Icahn School of Medicine at Mount Sinai

